

We Claim:

- 1 7. System for charging, in a packet based
2 telecommunication network, the packet load per connection,
3 characterized by a measuring device (2) for measuring the
4 time period (t) between a set number (N) of received or
5 transmitted packets belonging to the same connection.

- 1 8. System according to claim 7, characterized by a
2 calculation device (4) for calculating the number of packets
3 per said period of time (t) and supplying that calculation
4 result (-r-) to a billing system (5).

- 1 9. System according to claim 8, in which the
2 telecommunication network comprises system packets (RM,
3 RESV) which comprise an indication (r1) of the capacity or
4 priority requested by the user, characterized by a detection
5 device (2) for reading out said indication out of the system
6 packets and transferring that indication to the billing
7 system.

- 1 10. System according to claim 8, in which the
2 telecommunication system comprises system packets (RM,
3 RESV) which comprise an indication (r2) of the capacity or
4 priority assigned by the telecommunication system,
5 characterized by a detection device (2') for reading out
6 said indication out of the system packets and transferring
7 that indication to the billing system.

- 1 11. System according to claim 8, characterized by an
2 aggregation device (6) for aggregating the calculation
3 result (r) and passing on the aggregated result (ra) to the
4 billing system.

1 12. System according to claim 9, characterized by an
2 aggregation device (6) for aggregating said capacity or
3 priority indications (ri, r2) and passing on the aggregated
4 indications (rla, r2a) to the billing system.

1 13. System according to claim 10, characterized by an
2 aggregation device (6) for aggregating said capacity or
3 priority indications (r1, r2) and passing on the aggregated
4 indications (rla, r2a) to the billing system.